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Atty. Docket No.: 9409/2092

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Communi, et al.  
Serial No.: 09/924,125  
Filed: August 7, 2001  
Entitled: NATURAL LIGAND FOR ORPHAN  
G. PROTEIN COUPLED RECEPTOR  
GPR86 AND METHODS OF USE

Examiner: Not Assigned

Group Art Unit: 1614

Conf. No.: 3058

Box: Missing Parts  
U.S. Patent and Trademark Office  
P.O. Box 2327  
Arlington, Virginia 22202

## AMENDMENT

Sir:

This paper is submitted in response to the Notice to File Missing Parts mailed by the USPTO on 08/30/2001.

In the Specification:

1. On page 17, please replace the paragraph extending from lines 6-7 with the following replacement paragraph:

Figure 1 represents nucleotide (SEQ ID NO: 1) and deduced amino acid sequence (SEQ ID NO: 2) of the human GPR86 (P2Y<sub>13</sub>) receptor according to the invention.

2. On page 41 of the specification, please replace the paragraph from lines 4 – 18 with the following replacement paragraph:

The NF- $\kappa$ B binding element has the consensus sequence GGGGACTTTCC (SEQ ID NO: 3). A large number of genes have been identified as NF- $\kappa$ B responsive, and their control elements can be linked to a reporter gene to monitor GPCR activity. A small sample of the genes responsive to NF- $\kappa$ B includes those encoding IL-1 $\beta$  (Hiscott et al., 1993, Mol. Cell. Biol. 13: 6231-6240), TNF- $\alpha$  (Shakhov et al., 1990, J. Exp. Med. 171: 35-47), CCR5 (Liu et al., 1998, AIDS Res. Hum. Retroviruses 14: 1509-1519), P-selection (Pan & McEver, 1995, J. Biol. Chem. 270: 23077-23083), Fas ligand (Matsui et al., 1998, J. Immunol. 161: 3469-3473), GM-CSF (Schreck & Baeuerle, 1990, Mol. Cell. Biol. 10: 1281-1286) and I $\kappa$ B $\alpha$  (Haskill et al., 1991, Cell 65: 1281-1289). Each of these references is incorporated herein by reference. Vectors encoding NF- $\kappa$ B-responsive reporters are also known in the art or can be readily made by one of skill in the art using, for example, synthetic NF- $\kappa$ B elements and a minimal promoter, or using the NF-